SENSOR
SHOP BD

Techsense Banladesh Ltd

Proximity Sensor, Code : CJY30E-10PA

A proximity sensor is a sensor able to detect the presence of nearby objects without any physical contact. A proximity sensor often emits an electromagnetic field or a beam of electromagnetic radiation (infrared, for instance), and looks for changes in the field or return signal. The object being sensed is often referred to as the proximity sensor's target. Different proximity sensor targets demand different sensors. For example, a capacitive or photoelectric sensor might be suitable for a plastic target; an inductive proximity sensor always requires a metal target.

General Attributes

- Sensing distance   : 10mm
- Standard sensing target : 30×30×1mm (Iron)
- Setting distance   : 0~7mm
- Power supply   : 12-24VDC
- Operating voltage   : 10-30VDC
- Frequency   : 400Hz
- Control output   : 200mA
- Indicator   : Operation indicator
- Ambient temperature   : -25~+70℃ (No icing)
- Storage temperature   : -30~+80℃ (No icing)
- Ambient humidity   : 35~95%RH (No condensation)
- Protection circuit   : Surge protection circuit
                              Reverse polarity protection
                              circuit, Over current
                              protection circuit
- Protection   : IP67 (IEC Standard)

Application Notes

☐ Position Detection
☐ Speed Sensing
☐ Limit Switching
☐ Pulse Generation
☐ Distance Measurement
☐ Gear tooth detection for motion monitoring
☐ Valve position control during processing
☐ Foil seal detection inside plastic caps
☐ Can position detection on a beverage line

Wiring diagram

For further information please visit : https://goo.gl/UnGUa5

CE

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c(UL)us for use in the secondary of
a class 2 source of supply

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a class 2 source of supply
Environmental - Type 1 Enclosure

EAC

We are the authorized distributor of CNTD in Bangladesh.